



**PATENT**  
Attorney Docket No. NWestern-08451

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Solomon, et al.  
Serial No.: 10/736,868  
Filed: 12/16/2003  
Entitled: OSR-1 Nucleic Acids and Proteins

Group No.: 1633  
Examiner: Priebe

**TRANSMITTAL OF  
REPLACEMENT OF FORM PTO -1449 FILED DECEMBER 1,  
2005 UNDER CFR §1.98 (b)(5)**

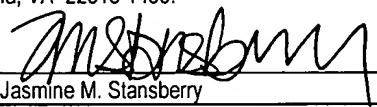
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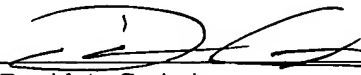
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Enclosed please find a **Corrected Information Disclosure Statement Form PTO-1449**, in the above-identified application, for filing in the U.S. Patent Office.

Applicants believe no fee is required. The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

Please note that the requirement for a copy of each U.S. Patent or U.S. Patent Application listed in an IDS has been eliminated, unless required by the Office 37 C.F.R 1.98(a)(2).

Dated: February 21, 2006

  
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/736,868		
		Filing Date	12/16/2003		
		First Named Inventor	Solomon, et al.		
		Art Unit	1633		
		Examiner Name	Priebe		
Sheet	1	of	3	Attorney Docket Number	NWESTERN-08451

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	Solomon, et al. "Desiccation Tolerance Of Muellerius CF. Capillaris (Nematoda: Protostrongylidae) First Stage Larvae" J Parasitology 84: 802-805 (1998)	
	2	Solomon, et al. "Migratory Behaviour and Desiccation Tolerance of Protostrongylid Nematode First-Stage Larvae" Int J Parasitology 27: 1517-1522 (1997)	
	3	Solomon, et al. "Desiccation Survival of the Entomopathogenic Nematode Steinernema feltiae: Induction of Anhydrobiosis", Nematology 1: 61-68 (1999)	
	4	Kaya and Gaugler, "Entomopathogenic Nematodes" Annual Review of Entomology 38: 181-206, (1993)	
	5	Colbert et al., "OSM-9, A Novel Protein with Structural Similarity to Channels, Is Required for Olfaction, Mechanosensation, and Olfactory..." J Neurosci 17: 8259-8269 (1997)	
	6	Culotti et al., "Osmotic Avoidance Defective Mutants of the Nematode Caenorhabditis elegans" Genetics 90: 243-256 (1978)	
	7	Hart et al., "Distinct Signaling Pathways Mediate Touch and Osmosensory Responses in a Polymodal Sensory Neuron" J Neurosci 19: 1952-1958 (1999)	
	8	Lithgow et al., "Thermotolerance and Extended Life-Span Conferred by single-gene mutations and induced by thermal stress" Proc Natl Acad Sci U.S.A. 92: 7540-7544 (1995)	
	9	Lee et al., "A systematic RNAi screen identifies a critical role for mitochondria in C. elegans longevity" Nat Genetics 33:40-48 (2003)	
	10	Henderson and Johnson, "daf-16 integrates developmental and environmental inputs to mediate aging in the nematode Caenorhabditis elegans" Curr Biol 11: 1975-1980 (2001)	

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Sheet 2	of 3	Attorney Docket Number	NWESTERN-08451

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	11	Murakami and Johnson, "A Genetic Pathway Conferring Life Extension and Resistance to UV Stress in Caenorhabditis elegans" Genetics 143: 1207-1218 (1996)	
	12	Ogg et al., "The Fork head transcription factor DAF-16 transduces insulin-like metabolic and longevity signals in C. elegans" Nature 389: 994-999 (1997)	
	13	Tobin et al., "Combinatorial Expression of TRPV Channel Proteins Defines Their Sensory Functions and Subcellular Localization in C. elegans Neurons" Neuron 35: 307-318 (2002)	
	14	Kaplan and Horvitz, "A dual mechanosensory and chemosensory neuron in Caenorhabditis elegans" Proc Natl Acad Sci U.S.A. 90: 2227-2231 (1993)	
	15	Wang et al., "The expression of TGFB signal transducers in the hypodermis regulates body size in C. elegans" Development 129: 4989-4998 (2002)	
	16	Petalcorin et al., "Disruption of clh-1, a Chloride Channel Gene, Results in a Wider Body of Caenorhabditis elegans" J Mol Biol 294: 347-355 (1999)	
	17	Kurz and Ewbank, "Caenorhabditis elegans: An emerging genetic model for the study of innate immunity" Nat Rev Genet 4: 380-390 (2003)	
	18	Sagasti et al., "The CaMKII UNC-43 Activates the MAPKKK NSY-1 to Execute a Lateral Signaling Decision Required for Asymetric Olfactory Neuron Fates" Cell 105: 221-232 (2001)	
	19	Tanaka-Hino et al., "SEK-1 MAPKK mediates Ca <sup>2+</sup> signaling to determine neuronal asymmetric development in Caenorhabditis elegans" EMBO Rep 3: 56-62 (2002)	
	20	Reiner et al., "Diverse behavioural defects caused by mutations in Caenorhabditis elegans unc-43 CaM Kinase II" Nature 402: 199-203 (1999)	

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	21	Villanueva et al., "jkk-1 and mek-1 regulate body movement coordination and response to heavy metals through jnk-1 in Caenorhabditis elegans" EMBO 20(18):5114-5128 (2001)	
	22	Koga et al., "A Caenorhabditis elegans MAP kinase kinase, MEK-1, is involved in stress responses" Embo J 19: 5148-5156 (2000)	
	23	Solomon et al. "Desiccation tolerance of Muellerius capillaris first-stage larvae from Israeli arid and French temperate habitats and their.." Parasitology 119: 621-626(1999)	

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